

APPENDIX E: RECREATIONAL TRAIL USE

Table E-1 presents a summary of trail use in the Santa Rosa Mountains as observed by BLM Sheep Ambassadors from January 15 to June 30 2001, and January 1 to April 30, 2002. Sheep Ambassadors observed and recorded use on the following trails only:

- Art Smith Trail
- Bear Creek Canyon / Oasis Trail
- Boo Hoff Trail
- Morrow Trail
- Cathedral Canyon Trail
- Lower Dunn Road
- Upper Dunn Road
- Clara Burgess Trail

As part of their duties, Sheep Ambassadors directly contacted individuals and requested they voluntarily refrain from using the specified trails from January 1 to June 30 to protect the Peninsular Ranges bighorn sheep during the lambing season.

The following points are important for understanding the figures in Table E-1:

- ▶ **Column 3** ("Actual and Potential Trail Use") includes:
 - (a) number of individuals directly contacted by Sheep Ambassadors that did not comply with the request to voluntarily refrain from using the specified trails (see column 5); these are "actual" users
– plus –
 - (b) number of individuals directly contacted by Sheep Ambassadors that complied with the request to voluntarily refrain from using the specified trails (see column 5); these are "potential" users
– plus –
 - (c) number of individuals observed by Sheep Ambassadors using the specified trails before a contact could be made to request that they refrain from using them; these are "actual" users – this number is derived by subtracting the number of individuals not complying with the Sheep Ambassador request (subtract the second number from the first in column 5) from the number in column 6

Appendix E

► **Column 5** (“Effectiveness of Direct Request to Refrain from Using Trail”)

Individuals exhibited compliance by not using trails upon direct contact by Sheep Ambassadors. The number of these individuals appears in column 5. However, reports by individuals and organizations indicate that once contacted by Sheep Ambassadors and requested to refrain from using a particular trail, they did not return at a later date. Hence, they are counted as being compliant only once, though if the voluntary trail avoidance program was not in effect, they would have used the subject trails on other occasions. Further, it is believed that many individuals (though the number is unknown) have chosen to avoid the specified trails based on newspaper reports of the trail avoidance program, conversations with acquaintances who were contacted by Sheep Ambassadors, and posted signs at trailheads. Although compliant with the request, they are not counted. On the other hand, all individuals that choose not to comply with the request are counted as trail users when observed by the Sheep Ambassadors. Many of the noncompliant individuals are repeat users of these trails. These individuals are counted each and every time they are observed using the trails.

Therefore, it is reasonable to conclude that overall compliance with BLM’s request to voluntarily refrain from using the specified trails is substantially higher than shown, though the extent is unknown. Whereas all noncompliant use is recorded while Sheep Ambassadors are on duty, the same cannot be stated for the compliant individuals who might otherwise have used the trails during the same on-duty periods—they are not reported in the table.

► **Column 6** (“Noncompliance with Direct Request and Sign Request to Refrain from Using Trail”)

The figures shown in this column include the number of individuals directly contacted by Sheep Ambassadors that did not comply with the request to voluntarily refrain from using the specified trails, plus the number of individuals observed using these trails before a contact could be made. It is reasonable to assume that the latter chose not to comply with the posted signs regarding the voluntary trail avoidance program.

Appendix E

Table E-1. Summary of Trail Use, Santa Rosa Mountains

1 TRAIL	2 MONTH	3 ACTUAL AND POTENTIAL TRAIL USE (number of individuals by activity)			4 HOURS OF OBSERVATION BY BLM SHEEP AMBASSADORS	5 EFFECTIVENESS OF DIRECT REQUEST TO REFRAIN FROM USING TRAIL (number of contacts / number of individuals complying with direct request / percent compliance)	6 NONCOMPLIANCE WITH DIRECT REQUEST AND SIGN REQUEST TO REFRAIN FROM USING TRAIL (observed non- compliance with signs plus non-compliance with direct request to refrain from using trail / percent non-compliance)
		(a) HIKING	(b) MOUNTAIN BIKING	(c) HORSEBACK RIDING			
Art Smith Trail	Jan 2001	88	1	0	53	47 / 17 / 36%	72 / 81%
	Feb 2001	326	3	0	126	305 / 193 / 63%	136 / 41%
	Mar 2001	235	3	0	192	198 / 78 / 39%	160 / 67%
	Apr 2001	275	4	0	165	212 / 150 / 71%	129 / 46%
	May 2001	87	2	0	202	72 / 56 / 78%	33 / 37%
	Jun 2001	51	5	0	176	41 / 30 / 73%	26 / 46%
	Jan 2002	497	10	0	208	484 / 306 / 63%	203 / 40%
	Feb 2002	256	23	0	184	236 / 157 / 67%	122 / 44%
	Mar 2002	279	15	0	219	260 / 167 / 64%	127 / 43%
	Apr 2002	165	5	0	189	155 / 116 / 75%	54 / 32%
	TOTALS	2259	71	0	1714	2010 / 1270 / 63%	1062 / 46%
Bear Creek Canyon / Oasis Trails	Jan 2001	16	0	0	43	12 / 10 / 83%	6 / 38%
	Feb 2001	16	2	0	41	13 / 13 / 100%	5 / 28%
	Mar 2001	53	0	2	57	39 / 15 / 39%	40 / 73%

Appendix E

	Apr 2001	29	0	0	44	20 / 13 / 65%	16 / 55%
	May 2001	2	0	0	40	1 / 1 / 100%	1 / 50%
	Jun 2001	0	0	0	19	0 / N/A / N/A	0 / N/A
	Jan 2002	50	0	0	45	32 / 19 / 63%	31 / 62%
	Feb 2002	35	0	0	79	29 / 22 / 67%	13 / 37%
	Mar 2002	76	0	0	77	72 / 56 / 64%	20 / 26%
	Apr 2002	35	0	0	72	34 / 26 / 75%	9 / 26%
	TOTALS	312	2	2	517	252 / 175 / 69%	141 / 45%
Boo Hoff Trail	Jan 2001	33	0	11	34	35 / 22 / 63%	22 / 50%
	Feb 2001	27	0	6	76	16 / 8 / 50%	25 / 76%
	Mar 2001	44	12	0	80	28 / 20 / 71%	36 / 64%
	Apr 2001	14	1	12	75	17 / 15 / 88%	12 / 44%
	May 2001	7	0	0	67	7 / 5 / 71%	2 / 29%
	Jun 2001	1	0	0	45	1 / 0 / 0%	1 / 100%
	Jan 2002	20	0	10	46	25 / 12 / 48%	18 / 60%
	Feb 2002	34	5	0	48	34 / 13 / 39%	26 / 67%
	Mar 2002	8	0	12	58	20 / 12 / 60%	8 / 40%
	Apr 2002	11	0	0	70	8 / 8 / 100%	3 / 27%
	TOTALS	199	18	51	599	191 / 115 / 60%	153 / 57%
Morrow Trail	Jan 2001	45	0	0	36	29 / 17 / 59%	28 / 62%
	Feb 2001	148	2	16	69	100 / 47 / 47%	115 / 69%

Appendix E

	Mar 2001	44	0	2	74	34 / 19 / 56%	27 / 59%
	Apr 2001	43	5	0	60	33 / 32 / 97%	16 / 33%
	May 2001	29	5	0	61	34 / 22 / 65%	12 / 35%
	Jun 2001	10	1	0	14	11 / 5 / 46%	6 / 55%
	Jan 2002	122	3	0	49	99 / 73 / 74%	52 / 42%
	Feb 2002	71	17	4	43	71 / 35 / 49%	57 / 62%
	Mar 2002	60	5	0	81	57 / 23 / 40%	42 / 65%
	Apr 2002	23	7	0	58	26 / 24 / 92%	6 / 20%
	TOTALS	595	45	22	545	494 / 297 / 60%	361 / 55%
Cathedral Canyon Trail	Jan 2001	2	0	0	46	1 / 1 / 100%	1 / 50%
	Feb 2001	3	0	0	39	0 / N/A / N/A	3 / 100%
	Mar 2001	4	2	0	50	2 / 2 / 100%	4 / 67%
	Apr 2001	0	0	0	86	0 / N/A / N/A	0 / N/A
	May 2001	0	0	0	43	0 / N/A / N/A	0 / N/A
	Jun 2001	2	0	0	34	2 / 2 / 100%	0 / 0%
	Jan 2002	6	0	0	87	2 / 0 / 0%	6 / 100%
	Feb 2002	0	0	0	87	0 / N/A / N/A	0 / N/A
	Mar 2002	4	0	0	98	4 / 3 / 75%	1 / 25%
	Apr 2002	4	0	0	105	4 / 0 / 0%	4 / 100%
	TOTALS	25	2	0	675	15 / 8 / 53%	19 / 70%

Appendix E

Lower Dunn Road	Jan 2001	11	6	0	15	8 / 4 / 50%	13
	Feb 2001	41	29	0	93	40 / 21 / 53%	49
	Mar 2001	23	40	0	95	49 / 13 / 27%	50
	Apr 2001	31	48	0	76	29 / 14 / 48%	65
	May 2001	8	6	0	65	9 / 3 / 33%	11
	Jun 2001	4	1	0	60	2 / 1 / 50%	4
	Jan 2002	31	51	0	104	54 / 20 / 37%	62
	Feb 2002	15	38	0	103	41 / 3 / 7%	50
	Mar 2002	16	48	0	98	50 / 10 / 20%	54
	Apr 2002	22	30	0	111	35 / 20 / 57%	32
	TOTALS	202	297	0	820	317 / 109 / 34%	390 / 78%
Upper Dunn Road	Jan 2001	N/A	N/A	N/A	0	N/A	N/A
	Feb 2001	25	17	0	51	8 / 8 / 100%	34 / 81%
	Mar 2001	26	21	0	46	17 / 11 / 65%	36 / 77%
	Apr 2001	3	7	0	22	7 / 4 / 57%	6 / 60%
	May 2001	0	0	0	31	0 / N/A / N/A	0 / 0%
	Jun 2001	0	0	0	35	0 / N/A / N/A	0 / 0%
	Jan 2002	0	0	0	20	0 / N/A / N/A	0 / 0%
	Feb 2002	0	0	0	10	0 / N/A / N/A	3 / 100%
	Mar 2002	0	0	0	9	0 / N/A / N/A	3 / 100%
	Apr 2002	0	0	0	8	0 / N/A / N/A	0 / 0%

Appendix E

	TOTALS	54	45	0	232	32 / 23 / 72%	82 / 83%
Clara Burgess Trail	Jan 2001	N/A	N/A	N/A	0	N/A	N/A
	Feb 2001	80	2	4	66	29 / 13 / 45%	76 / 88%
	Mar 2001	24	9	0	29	21 / 17 / 81%	16 / 49%
	Apr 2001	38	1	2	35	39 / 20 / 51%	21 / 51%
	May 2001	0	0	0	22	0 / N/A / N/A	0 / 0%
	Jun 2001	2	0	0	13	2 / 0 / 0%	2 / 100%
	Jan 2002	18	0	0	29	6 / 2 / 33%	16 / 89%
	Feb 2002	15	1	0	15	11 / 2 / 18%	14 / 88%
	Mar 2002	6	3	0	12	7 / 0 / 0%	9 / 100%
	Apr 2002	15	0	0	33	14 / 2 / 14%	13 / 87%
	TOTALS	198	16	6	254	129 / 56 / 43%	167 / 76%
GRAND TOTALS		3844	496	81	5356	3440 / 2053 / 60%	2375 / 54%
		4421					